

ABSTRACT OF THE DISCLOSURE

5 A tool for replacing a code image in an embedded
device including a control program for issuing device
commands in order to replace a code image within the
embedded device. A monitoring program, operating
asynchronously with respect to the control program,
generates event indications in response to detecting a
change in an attribute associated with the embedded
10 device. The disclosed monitoring program issues device
commands and receives event indications. Separate
threads of control are used for monitoring and
controlling the device being upgraded, and each step of
the upgrade process is abstracted as a device independent
15 command. The disclosed system further uses a state
machine to keep track of where the device is in the
upgrade process.

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